

VULCAN® VSi160

GAS BOOSTED SOLAR INDIRECT SYSTEM

PEOPLE
1-4

CAPACITY
160L

WARRANTY
5 years⁴

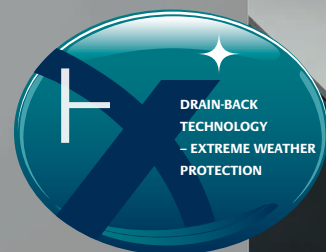
INSTALLATION
Outdoor



SOLAR



FROST
PROTECTION



THE ALL WEATHER FROST PROTECTED SOLAR SOLUTION

- Unique 'DRAIN-BACK' heat exchange technology – Protection in any weather extreme
- Compact 160L, split system design
- Available with two solar collectors
- Choice of 20L/min or 27L/min continuous flow gas boosting
- Factory fitted, internally housed solar pump and controller
- Reduces energy use and greenhouse emissions

VSi160 shown with
20L/min booster



FORGED TOUGH

ALL WEATHER APPLICATIONS

With its dedicated, 'DRAIN-BACK' heat exchange design, the VSi160 eliminates the risk your solar panel(s) will freeze, or get too hot, even without power.

NO competitor system can match this protection.

COMPACT SPLIT SYSTEM

With a compact 160L square tank design, combined with high performance roof mounted solar collector(s), the VSi160 fits neatly into most spaces.

CONTINUOUS HOT WATER

VSi160 provides the option of using the latest 20L/min or 27L/min continuous flow gas booster technology to ensure you'll never run out of hot water.

SUPREMELY EFFICIENT

With all of its tank capacity available for solar heating, and 5 star efficient gas boosting, hot water energy consumption can be reduced by over 60%^{1,2}.

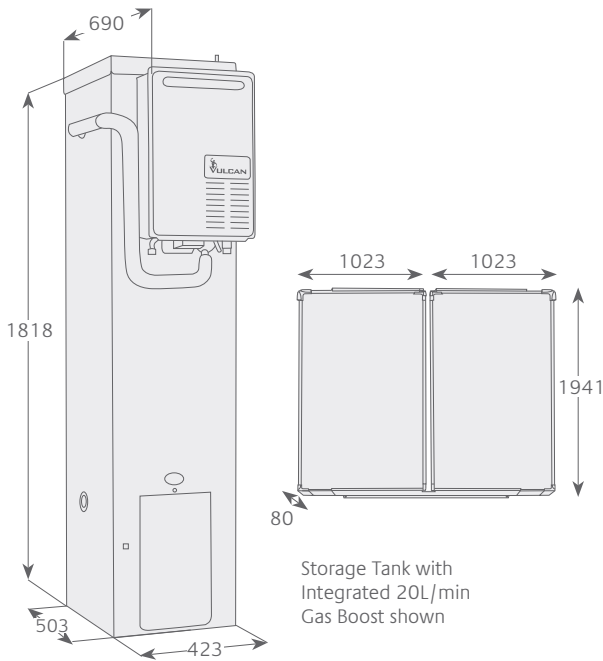
SIMPLE INSTALLATION

With much of the traditional installation components factory fitted³, the VSi160 not only looks professionally finished, but is simple to install.

5 YEAR WARRANTY⁴

The VSi160 carries a 5 year warranty, backed by an Australia wide service network.

VSi160 DIMENSIONS



Storage Tank with Integrated 20L/min Gas Boost shown

| MODEL | | 696160/ 2NPT | 690160/ 2NPT-G |
|---------------------------------------|-------------------|-----------------------|-----------------------|
| Storage Capacity | Litres | 160 | 160 |
| Solar Collector | NPT200 | 2 | 2 |
| Booster Alternatives | | Continuous Gas | Continuous Gas |
| Roof Space Required | m | 2.4 x 2.0 | 2.4 x 2.0 |
| Dimensions – Tank | H mm | 1818 | 1818 |
| | W mm | 423 | 423 |
| | D mm | 690 | 503 |
| Specifications | | | |
| Weight Empty – Tank | kg | 97 | 82 |
| Weight Empty – Solar Collector | kg | 80 | 80 |
| Maximum Solar Collector Outlet Height | m | ≤7.5 | ≤7.5 |
| Pressure Temperature Relief Valve | kPa | 1000 | 1000 |
| Expansion Control Valve (ECV) | kPa | 850 | 850 |
| Maximum Supply Pressure | kPa | 800 (680 with ECV) | 800 (680 with ECV) |
| Water Connections | | | |
| Inlet | RP | ¾/20 | ¾/20 |
| Outlet | RP | ¾/20 | ¾/20 |
| Solar Flow and Return Compression | | DN15 | DN15 |
| Booster Specifications | | | |
| Gas Booster Size | | 20L/min | 27L/min |
| Fitment | | Integrated | Remote |
| People per household | | 2-5 | 2-5 |
| Heating Rate | L/Min @ 25°C rise | 20 | 27 |
| Energy Rating | Stars | 5.0 | 5.8 |
| Gas Input (Max) | MJ/h | 153 | 205 |
| Gas Type | | Natural or Propane | Natural or Propane |
| Gas Connection | | R ¾/20 | R ¾/20 |
| Water Connections | | R ¾/20 | R ¾/20 |
| Minimum Water Supply Pressure | kPa | 140 | 140 |
| Weight – Continuous Flow Gas Booster | kg | 18 | 23 |
| Dimensions | H mm | 520 | 600 |
| | W mm | 350 | 350 |
| | D mm | 160 | 235 |



Small-scale Technology Certificates (STCs) are a financial incentive to encourage the installation of solar water heaters provided under a Federal Government operated scheme.

This map shows the climate Zones within Australia which will define the number of STCs allocated to an approved solar water heater.

To claim your STC entitlement, simply complete the STC Assignment form. Visit www.solarsavers.com.au to find out how many STCs apply to the VSi160 by zone and to download the STC Assignment form.

Other Federal and State Government rebates may also apply.

To find out more call 132 552

1. Energy reduction over 60% based on Australian Government Approved TRNSYS simulation modelling which apply when replacing an electric water heater with a Vulcan solar water heater in zone 3. 2. Any financial savings will vary depending upon type of Vulcan Solar system installed, orientation and inclination of the solar panels, type of water heater being replaced, hot water consumption and fuel tariff. Maximum financial savings off your hot water bill are achievable when replacing an electric water heater on continuous tariff. 3. Only the 696 series models include a factory integrated 20L/min booster. 4. 5 year cylinder, collector(s), and electronic instantaneous heat exchanger, 3 year labour on cylinder and electronic instantaneous heat exchanger, 1 year parts including labour. *Conditions apply. See the Vulcan warranty set out in the Owner's Guide & Installation Instructions or view at www.vulcan.com.au/warranty. Amended warranty may apply where a government rebate has been received for the solar water heater. Phone 131 031 for details.

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FORGED TOUGH